

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	audio with data with circuit with controller with memory with instruction with decoding with function	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 11:19
S3	1400	first same second same (decode or decoder or decoding) same (operation or function or task) same audio	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 11:21
S4	48	S2 and S3	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 11:21
S2	1333	audio with data with circuit with controller	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 11:26
S5	568	(audio with data with circuit with controller) same memory	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 11:27
S8	13	rao-arun.in.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/01 11:31
S9	1400	first same second same (decode or decoder or decoding) same (operation or function or task) same audio	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 14:21
S11	22	S10 and S9	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 14:21
S10	568	(audio with data with circuit with controller) same memory	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 14:28

S12	0	((audio with data with circuit with controller) same memory same minimize)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 14:29
S13	3	(audio with data with circuit with controller) same memory same (minimize or minimal or minimum)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 14:37
S14	6058	audio and data and (decode or decoding or decoder or decoded) and function and (control or "control system" or "control systems" or controller) and (overwrite or overwritten or overwriting)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 14:43
S16	11685	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/05/01 14:44
S17	77	S15 and S16	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/01 14:44
S15	4094	audio and data and (decode or decoding or decoder or decoded) and function and (control or "control system" or "control systems" or controller) and (overwrite or overwritten or overwriting) and (minimize or minimum or minimal)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:43
S18	72	memory and S17	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:44
S19	23345	decoding with function	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:44

S21	5341	S20 and 10	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:45
S22	4069	(decoding adj function) and memory	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:49
S23	496	(decoding adj function) with memory	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:49
S24	7	S23 and S18	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:50
S25	64889	audio with (data or signal) with (control or controller)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:51
S27	237	S26 and S16	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:51
S29	1	S16 and S28	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:52
S26	8916	audio with (data or signal) with (control or controller) with memory	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:53
S28	30	audio with (data or signal) with (control or controller) with memory with (minimize or minimum or minimal)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:53
S30	682	(audio with (data or signal) with (control or controller) with memory) same instruction	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:58
S31	29	audio adj decoding adj function	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:58
S32	5	(audio adj decoding adj function) same memor\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:59
S33	29	(audio adj decoding adj function) and memor\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 15:59
S20	5180	decoding adj function	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 16:07

S34	1468	("audio function" or "audio decoding function")	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 16:11
S35	39	S34 and S16	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 16:50
S36	79659	memory near3 (reduce\$2 or reduction)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 16:51
S37	141	S34 and S36	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/01 16:54
S38	124	S37 and controller	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 07:47
S39	146324	memory with (reduced or reduce)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 07:47
S40	48764	audio same (decod \$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 07:50
S42	2743	S41 and buffer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 07:51
S43	11685	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/05/02 07:51
S44	110	S42 and S43	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 07:51
S41	3946	S39 and S40	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 07:56
S45	321	S39 same S40	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 07:56
S46	55	S45 same buffer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 08:07
S47	42	S46 and control\$5	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 08:08
S50	5	S48 and (program or controller or instruction)	US-PGPUB; USPAT	OR	ON	2007/05/02 08:15
S51	4	S50 and circuit	US-PGPUB; USPAT	OR	ON	2007/05/02 08:44
S52	4	S51 and decod\$4 and memory	US-PGPUB; USPAT	OR	ON	2007/05/02 09:02

S53	4	S52 and stor\$4	US-PGPUB; USPAT	OR	ON	2007/05/02 09:05
S54	4	S53 and device	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/02 11:22
S55	23	S44 and ("memory device" or "memory devices")	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/02 11:23
S56	16	S44 and ("memory devices")	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/02 11:25
S57	2	S44 and ("memory devices") and allocate	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/05/02 11:26
S49	5	S48 and (program or controller or instruction)	US-PGPUB; USPAT	OR	OFF	2007/05/02 13:40
S59	5	S58 and (program or controller or instruction)	US-PGPUB; USPAT	OR	OFF	2007/05/02 13:40
S61	5	S58 and (program or controller or instruction)	US-PGPUB; USPAT	OR	ON	2007/05/02 13:41
S62	4	S61 and circuit	US-PGPUB; USPAT	OR	ON	2007/05/02 13:41
S60	0	S59 and "minimum or minimal or smallest"	US-PGPUB; USPAT	OR	OFF	2007/05/02 13:42
S63	146324	memory with (reduced or reduce)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 13:42
S64	48764	audio same (decod \$4)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 13:42
S65	321	S63 same S64	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 13:42
S66	55	S65 same buffer	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 13:42
S68	3946	S63 and S64	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/05/02 13:45
S67	0	S66 and "minimum or minimal or smallest"	US-PGPUB; USPAT	OR	OFF	2007/05/02 13:46

S69	0	S68 and "minimum or minimal or smallest"	US-PGPUB; USPAT	OR	OFF	2007/05/02 13:46
S70	23	S66 and (minimum or minimal or smallest)	US-PGPUB; USPAT	OR	OFF	2007/05/02 13:48
S71	19	S66 and (minimum or minimal)	US-PGPUB; USPAT	OR	OFF	2007/05/02 13:53
S72	23	S66 and (minimum or minimal or minimized)	US-PGPUB; USPAT	OR	OFF	2007/05/02 13:53
S73	6	S66 and (minimized)	US-PGPUB; USPAT	OR	OFF	2007/05/02 15:26
S75	11685	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/05/02 15:36
S76	4	S74 and S75	US-PGPUB; USPAT	OR	OFF	2007/05/02 15:36
S74	618	minimum with memory with allocat \$4	US-PGPUB; USPAT	OR	OFF	2007/05/02 15:41
S77	125	S74 and audio	US-PGPUB; USPAT	OR	OFF	2007/05/02 15:42
S78	104	S77 and (algoritihm or function)	US-PGPUB; USPAT	OR	OFF	2007/05/02 15:42
S79	111	S77 and (algorithm or function)	US-PGPUB; USPAT	OR	OFF	2007/05/02 15:42
S80	15	S74 and (audio with (algorithm or function))	US-PGPUB; USPAT	OR	OFF	2007/05/02 15:51
S81	25	S74 and (audio with decod\$4)	US-PGPUB; USPAT	OR	OFF	2007/05/02 15:51
S83	15	(memory with allocat \$6) same (audio with decod\$4 with (operation or function or task))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/02 17:03
S84	1	(memory with overwrit\$6) same (audio with decod\$4 with (operation or function or task))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/02 17:03
S85	140	(memory with overwrit\$6) and (audio with decod\$4 with (operation or function or task))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/02 17:03
S86	13062	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/11/02 17:03

S89	5	S86 and S88	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/02 17:11
S88	166	plurality near3 audio near3 function	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/02 17:15
S90	7	(plurality near3 audio near3 function) with decod \$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/02 17:15
S82	21	(memory with reduc \$6) same (audio with decod\$4 with (operation or function or task))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/02 17:19
S91	21	(memory with reduc \$6) same (audio with decod\$4 with (operation or function or task))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/02 17:20
S87	3	S85 and S86	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/05 16:34
S92	140	(memory with overwrit\$6) and (audio with decod\$4 with (operation or function or task))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/05 16:35
S93	13091	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/11/05 16:35
S94	3	S92 and S93	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/05 16:35
S95	3	S94 and writ\$4 and memor\$4 and function and data	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/05 16:35
S96	3	S94 and writ\$4 and memor\$4 and function and data	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/06 12:59
S99	13114	("704").CLAS.	USPAT; USOCR	OR	OFF	2007/11/06 12:59
S100	3	S98 and S99	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/06 12:59
S102	3	S101 and buffer\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/06 12:59

S98	140	(memory with overwrit\$6) and (audio with decod\$4 with (operation or function or task))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/06 13:00
S104	1	S103 and ((memory with overwrit\$6) and (audio with decod\$4 with (operation or function or task)))	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/11/06 13:00
S101	3	S100 and writ\$4 and memor\$4 and function and data	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/06 13:01
S105	1	S104 and writ\$4 and memor\$4 and function and data	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/06 13:01
S106	1	S105 and buffer\$4	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/06 13:01
S108	1	S107 and (external same internal)	USPAT	OR	OFF	2007/11/06 14:00
S109	265	(704/200.1).CCLS.	USPAT; USOCR	OR	OFF	2007/11/06 17:07
S110	1289	(704/270).CCLS.	USPAT; USOCR	OR	OFF	2007/11/06 17:07
S111	16	S109 and (audio same buffer same memory)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/06 17:08
S112	43	S110 and (audio same buffer same memory)	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/11/06 17:08
S113	69	bit\$2stream with de \$2multiplex\$6 with predict\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/22 19:15
S114	19	bit\$2stream with de \$2multiplex\$6 with predict\$6 with frame \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/24 19:09
S115	19	bit\$2stream with de \$2multiplex\$6 with predict\$6 with frame \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 13:06
S116	113	bit\$2stream with de \$2multiplex\$6 with frame\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 13:20
S117	52	S116 and (predict\$6 with decod\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 13:28



S118	5	S117 and huffman	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 13:30
S119	19	S116 and (predict\$6 with decod\$6 with audio)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 13:38
S120	446	huffman and predict \$6 and bit\$2stream and demultiplex\$6 and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 13:50
S121	16429	("704").CLAS.	USPAT; USOCR; EPO	OR	OFF	2008/04/26 14:08
S122	34	S120 and S121	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/26 14:08
S123	22	S122 and (bit \$2stream near3 demultiplex\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:11
S124	467	bit\$2stream same demultiplex\$7 same (audio or speech or voice)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:16
S125	234	S124 and predict\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:18
S126	204	S124 and predict\$8 and quantiz\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:18
S127	187	S124 and predict\$8 and quantiz\$7 and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:20
S128	82	S127 and (predict\$7 with decod\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:22
S129	16429	("704").CLAS.	USPAT; USOCR; EPO	OR	OFF	2008/04/26 15:22
S130	5	S128 and S129	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/26 15:22
S131	212	S124 and predict\$8 and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:23
S132	36	S131 and S129	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:24
S133	23	S132 and huffman	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:24

S134	19	S133 and (inverse with quantiz\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:41
S135	19	S133 and (inverse near3 quantiz\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:41
S136	19	S135 and huffman	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/26 15:42
S137	467	bit\$2stream same demultiplex\$7 same (audio or speech or voice)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 11:50
S138	187	S137 and predict\$8 and quantiz\$7 and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 11:50
S139	82	S138 and (predict\$7 with decod\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 11:50
S140	70	S139 and (memor\$5 with stor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 11:50
S141	61	S139 and (memor\$5 near3 stor\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 11:55
S142	5	S139 and (memor\$5 with stor\$5 with (replac\$5 or overwrit \$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 11:56
L14	467	bit\$2stream same demultiplex\$7 same (audio or speech or voice)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:33
L15	187	L14 and predict\$8 and quantiz\$7 and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:33
L16	82	L15 and (predict\$7 with decod\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:33
L17	1	L16 and (intens\$4 with coupl\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:33
L18	2	L14 and (intens\$4 with coupl\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:34
L19	26309	(intens\$4 with coupl \$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 15:34

L20	16460	("704").CLAS.	USPAT; USOCR; EPO	OR	OFF	2008/04/29 15:34
L21	30	19 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/29 15:34
L22	283	(704/200.1).CCLS.	USPAT; USOCR; EPO	OR	OFF	2008/04/29 16:00
L23	631	(375/240.24).CCLS.	USPAT; USOCR; EPO	OR	OFF	2008/04/29 16:00
L24	0	22 and demultiplex \$6 and audio and decod\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/29 16:00
L25	212	22 and audio and decod\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/29 16:00
L26	94	22 and audio and decod\$7 and predict \$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/29 16:00
L27	44	22 and audio and decod\$7 and predict \$6 and stream	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/29 16:00
L28	46	22 and audio and decod\$7 and predict \$6 and stream	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 16:00
L29	73	23 and audio and decod\$7 and predict \$6 and stream	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 16:00
L30	1	23 and audio and decod\$7 and predict \$6 and stream and multiplex\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 16:01
L31	73	23 and audio and decod\$7 and predict \$6 and stream and encod\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/29 16:01

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